MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY 1922

J. A. BROWN, DIRECTOR

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Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

JULY 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	756.1	755.7	756.3	756.0	29.5	22.5			
2	6.9	6.8	7.4	7.0	29.0	22.4			
3	7.6	7.8	8.1	7.8	29.4	22.3			
4	7.3	7.2	7.1	7.2	29.6	22.4			
5	6.5	6.5	7.1	6.7	30.0	21.7	—	—	—
6	6.4	6.3	6.3	6.3	29.7	23.5			
7	6.3	6.3	5.7	6.1	29.4	22.2			
8	5.3	5.2	5.7	5.4	29.7	23.4			
9	5.1	5.2	5.3	5.2	29.9	23.8			
10	5.5	5.9	6.2	5.9	30.0	22.2	—	—	—
11	5.8	6.0	5.9	5.9	30.7	22.7			
12	4.9	4.4	4.0	4.4	30.7	24.5			
13	3.2	3.4	3.5	3.4	30.4	24.4			
14	3.6	3.8	4.0	3.8	30.4	24.3			
15	4.9	5.5	6.1	5.5	30.8	23.4	—	—	—
16	6.1	5.5	5.6	5.7	30.6	23.4			
17	4.8	3.7	3.7	4.1	31.8	23.5			
18	3.3	2.8	4.1	3.4	31.2	23.9			
19	5.2	5.0	5.5	5.2	31.2	23.3			
20	5.8	5.6	6.0	5.8	30.6	23.4	—	—	—
21	5.0	4.6	4.3	4.6	31.2	23.3			
22	2.8	2.3	2.3	2.5	30.7	23.6			
23	3.7	6.0	3.8	4.5	32.1	24.0			
24	4.3	4.6	5.1	4.7	31.6	24.7			
25	5.5	5.8	5.7	5.7	31.8	24.0	—	—	—
26	5.4	4.9	4.8	5.0	31.6	23.6			
27	3.4	2.8	2.4	2.9	32.1	24.6			
28	2.1	2.8	3.4	2.8	31.7	26.1			
29	5.3	6.0	6.5	5.9	31.5	23.5			
30	7.5	7.1	6.9	7.2	30.6	23.3			
31	6.1	5.8	5.9	5.9	30.9	23.7	—	—	—
	755.2	755.4	755.3	755.3	30.70	23.50			

BAROMETER

Maximum	758.1	on 3rd
Minimum	752.1	on 28th

THERMOMETER

Maximum	32.1	on 23rd & 27th
Minimum	21.7	on 5th
Minimum on grass		on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

JULY 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	27.3	29.3	25.1	27.2	23.4	24.2	22.8	18.3	18.4	18.7	18.5	68	60	78	69
2	26.7	28.4	25.4	26.8	22.1	22.7	23.0	16.3	16.3	18.9	17.2	62	57	78	66
3	27.4	28.8	25.2	27.1	23.3	23.8	22.9	17.9	18.0	18.9	18.3	66	61	79	69
4	26.6	28.9	24.7	26.7	22.6	22.3	21.7	17.2	15.4	17.0	16.5	65	52	73	63
5	26.0	28.2	24.1	26.2	21.4	23.2	21.5	15.6	17.2	17.2	16.7	62	61	77	67
6	26.7	28.9	25.1	26.9	23.7	24.6	22.0	19.3	19.3	17.2	18.6	74	65	72	70
7	27.1	29.2	25.0	27.1	22.6	23.3	22.3	16.9	16.8	17.9	17.2	63	56	76	65
8	25.6	29.4	25.1	27.0	22.3	23.7	22.5	16.8	17.3	18.1	17.4	65	57	76	66
9	27.3	29.3	25.3	27.3	23.3	23.7	22.4	17.8	17.5	17.8	17.7	64	58	74	65
10	26.7	29.8	25.3	26.9	22.6	23.8	22.9	17.2	18.2	18.8	18.1	65	58	78	67
11	26.8	29.3	25.8	27.3	23.6	24.9	24.0	18.9	19.7	20.6	19.7	72	65	83	73
12	27.3	30.1	26.1	27.8	23.9	25.1	23.8	19.2	19.5	19.9	19.5	72	61	79	71
13	27.3	28.2	26.0	27.2	23.3	23.9	23.2	18.0	18.5	18.8	18.4	67	65	75	69
14	27.8	29.9	25.8	27.8	23.4	24.6	23.4	17.9	18.6	19.3	18.6	64	59	78	67
15	27.2	30.1	25.7	27.7	23.8	24.6	23.3	19.0	18.6	19.4	19.0	71	59	78	66
16	27.6	30.4	25.7	27.9	23.9	24.8	23.4	19.0	18.8	19.5	19.1	70	58	79	69
17	28.7	30.6	26.7	28.7	24.6	25.5	24.1	19.4	20.0	20.0	19.8	66	61	77	68
18	28.1	30.8	26.0	28.6	24.4	25.4	24.2	19.7	19.7	20.8	20.1	70	58	84	71
19	28.1	30.9	25.9	28.3	24.4	25.4	23.5	19.7	19.5	19.5	19.6	70	58	78	68
20	27.6	30.2	25.4	27.7	24.0	24.9	22.9	19.2	19.2	18.6	19.0	70	60	77	69
21	28.3	30.8	26.3	28.5	23.8	24.2	22.9	18.3	17.4	18.1	17.9	64	52	71	62
22	27.7	29.3	27.0	28.3	23.7	24.3	23.6	18.6	18.6	18.7	18.6	68	62	70	67
23	28.4	31.6	27.8	29.3	24.0	24.7	24.2	18.5	17.7	19.5	18.6	64	51	70	62
24	28.9	31.4	27.1	29.1	25.7	25.9	24.7	21.6	20.2	21.0	20.9	73	58	79	70
25	27.8	31.2	26.7	28.6	24.9	25.3	24.7	20.8	19.2	21.3	20.4	74	56	82	71
26	27.8	31.2	26.9	28.6	24.4	25.2	24.4	19.8	18.9	20.5	19.7	72	56	78	69
27	28.0	32.1	27.1	29.1	24.8	26.2	24.9	20.5	20.3	21.5	20.8	73	57	82	71
28	28.2	31.4	26.9	28.8	24.9	25.2	22.8	20.5	18.7	17.3	22.2	72	54	65	64
29	27.9	31.6	26.5	28.7	21.6	24.1	22.6	14.8	16.7	17.4	16.3	53	48	67	56
30	28.4	30.3	25.9	28.2	21.9	22.9	22.2	14.9	15.4	16.9	15.7	51	48	68	56
31	28.2	30.9	26.1	28.4	22.2	23.0	21.5	15.6	15.4	15.8	15.6	55	45	62	54
	27.6	30.1	25.9	27.9	23.2	24.4	23.2	18.3	18.2	18 9	18.5	66.6	57.3	75.6	66.5

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	10cu n	3.3	2	2	0	183.6	v. slight	
2	0	0	0	0	1	1	0	165.0	calm	
3	9	1	9	6.3	0	2	0	155.9	,,	
4	9	0	6	5.0	1	1	0	165.0	v. slight	
5	0	0	0	0	1	2	1	290.3	,,	
6	7	0	0	2.3	1	2	0	196.5	,,	
7	3	1	0	1.3	2	2	2	265.2	,,	
8	1	0	1	0.7	2	2	0	203.5	,,	
9	0	2	0	0.7	2	2	0	209.1	,,	
10	0	1	0	0.3	1	2	0	190.7	calm	
11	0	0	0	0	1	2	0	180.7	,,	
12	0	2	0	0.7	2	2	1	256.5	v. slight	
13	0	0	0	0	2	3	1	285.5	,,	
14	4cu ci	0	0	1.3	2	2	1	265.6	,,	
15	2	1	0	1.0	1	2	0	205.2	calm	
16	3	1	2	2.0	2	2	0	200.0	v. slight	
17	8	7	0	5.0	1	2	0	265.2	calm	
18	0	0	0	0	2	2	0	195.2	v. slight	
19	0	0	0	0	0	1	0	103.2	,,	
20	0	9cu n	0	3.0	0	1	0	99.5	calm	
21	7	1	0	2.7	0	2	0	106.7	,,	
22	0	10cu n	1	3.2	1	1	0	136.5	,,	
23	4	6cu n	9cu n	6.3	0	1	0	101.6	v. slight	
24	8	1	0	3.0	1	2	0	165.7	,,	
25	2	2	0	3.3	0	0	0	59.8	calm	
26	0	4	0	1.3	1	1	1	255.2	,,	
27	2	1	0	1.0	1	2	3	262.7	slight	
28	0	0	0	0	3	3	3	335.4	,,	
29	2	3	0	1.7	2	2	0	303.2	v. slight	
30	2	0	0	0.7	2	2	0	256.5	,,	
31	4	0	3	2.3	1	2	1	198.2	,,	
				1.9				201.9		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	25	0	0	6
2:30	0	0	0	0	0	30	0	0	1
8:30	0	0	0	0	0	9	0	0	22
Totals	0	0	0	0	0	64	0	0	29

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.